V. "On the Total Solar Eclipse of August 29, 1886." By Captain L. DARWIN, R.E., ARTHUR SCHUSTER, Ph.D., F.R.S., and E. WALTER MAUNDER. Received January 28, 1889.

A preliminary communication will be found at vol. 42, p. 180. The full report is divided into eleven parts, as follows :—

I. Origin of the Expedition and General Preparations, by Captain Darwin, A. Schuster, and E. W. Maunder.
II. Preparations for the Eclipse at Prickly Point, by Captain Darwin and A. Schuster.
III. Totality at Prickly Point, by Captain Darwin and A. Schuster.
IV. On the Accuracy required in adjusting an Equatorial for Photographic Purposes during a Total Solar Eclipse, by A. Schuster.
V. Results of the Photographic Camera at Prickly Point, by A. Schuster.
VI. The Coronagraph, by Captain Darwin.
VII. The Prismatic Camera, by Captain Darwin.
VIII. The Spectroscopic Cameras at Prickly Point, by A. Schuster.
IX. Photographic Results obtained at Carriacou Island, by E. W. Maunder.
X. Description of the Eclipse and Drawing of the Corona, by Irwin C. Maling.
XI. On the Photographs of the Corona obtained at Prickly Point and Carriacou Island, by W. H. Wesley.

VI. "On the Determination of the Photometric Intensity of the Coronal Light during the Solar Eclipse of August 28—29, 1886." By Capt. W. DE W. ABNEY, C.B., R.E., F.R.S., and T. E. THORPE, F.R.S., Professor of Chemistry in the Normal School of Science, South Kensington. Received February 7, 1889.

[For an abstract of the contents see preliminary communication, vol. 44, p. 392]